

Hazeltine Corporation

59-25 LITTLE NECK PARKWAY
LITTLE NECK, N. Y. 11362

T. NELSON
T NELSON
BOX 3
SCHOOCEYS M&N, NEW JERS

Hazeltine 2000

Booths 1550-56

Immediately inside the main Boardwalk entrance

Video Display Terminals

**Computer
Decisions** presents



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Exhibitors at this year's SJCC will be greeted by the new West Hall — no more going up and down stairs at the Convention Center. The phone company has promised to repeat last year's good performance, but call (609) 646-9900 (NJ Bell) and ask for Al Girsh if there's any trouble. For any other problems call the very cooperative Convention Bureau (609) 345-7536. Ask for Wayne Stetson.

Atlantic City

Getting there is half the fun

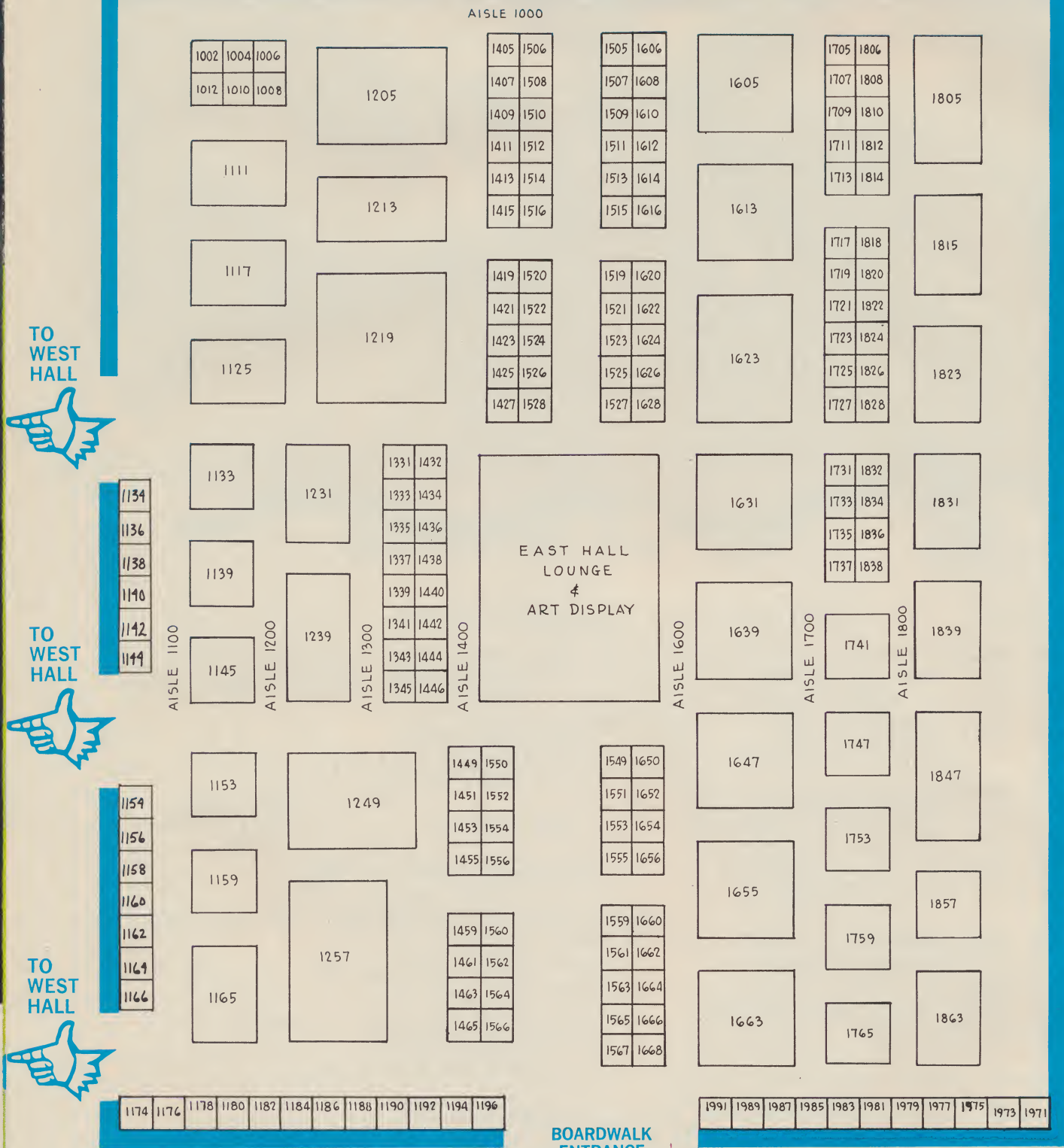
Air service to SJCC is via Allegheny out of Philadelphia. Air Taxi service is also available from New York, Philadelphia, Baltimore and Washington via Southern Jersey Airways. Call (609) 345-2239. Limo service is available out of the Philadelphia airport. Call (215) 726-9955 or (215) 729-0550. Return reservations are a must. Call (609) 344-3171. Best bet from New York is the bus from Port Authority Terminal. Call (212) LO 5-7040 or (212) PE 6-1640. Rail service is also available. Call (609) 344-6531.

Convention Hall East

THEATER A

STAGE

THEATER B


















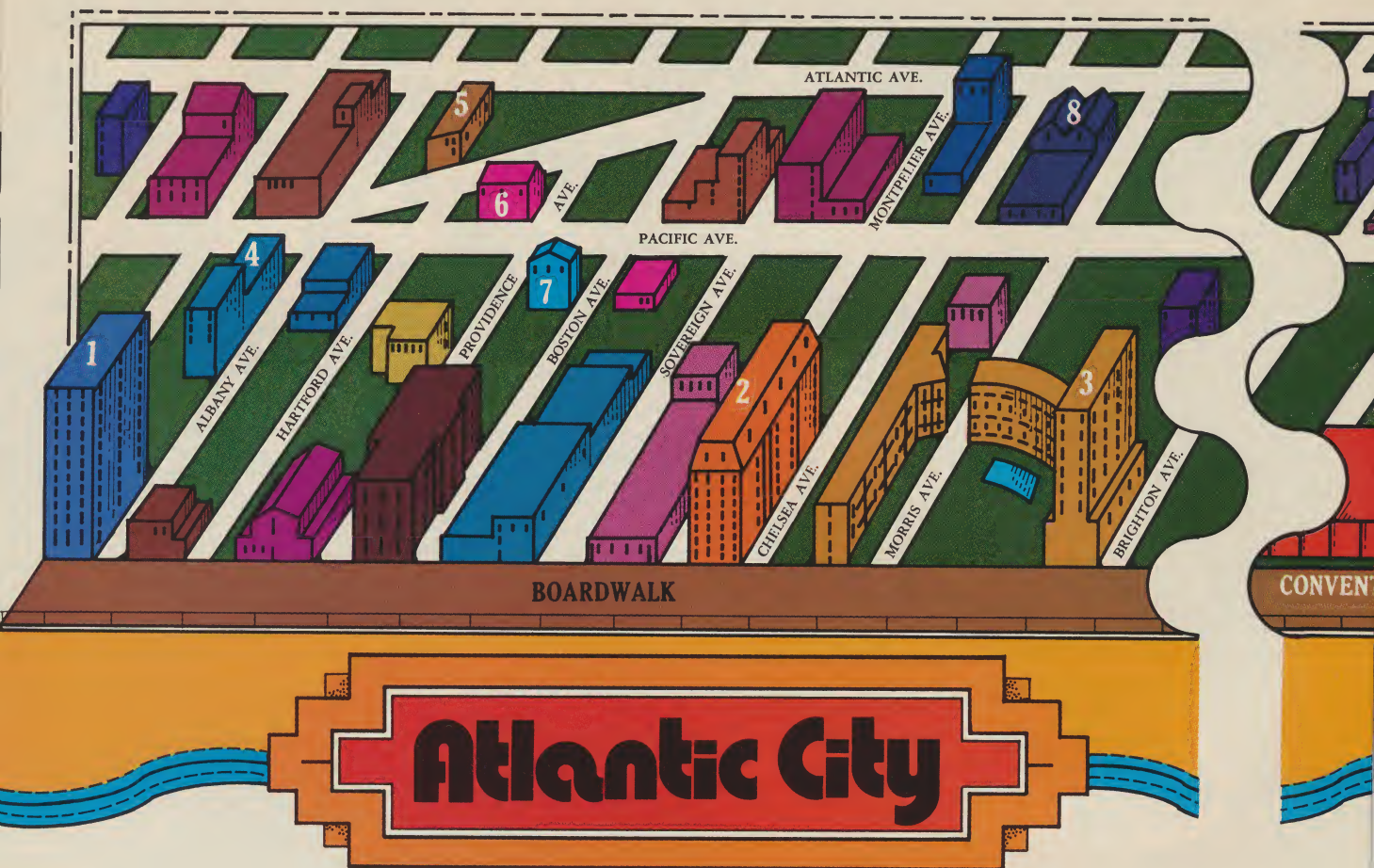
Where it's at

ACM 2105
 Addison-Wesley Publishing 1519
 Addressograph Multigraph 1847
 AFIPS 1180
 American Elsevier Publishing 1620
 American Regitel 1449
 AMP 1165
 Anderson Jacobson 1405
 Applied Magnetics 1753
 AT&T 1663
 Atlantic Technology 1159
 Atron 1461
 Auerbach 1765
 Barnes & Noble 1822
 Bendix 1213
 Biomation 1337
 Boeing Computer 1741
 Boole & Babbage 1520
 Bridge Data Products 1559
 Bryant Computer Products 1655
 Bunker-Ramo 1631
 Burroughs 1957
 Cambridge Memories 1176
 Centronics 1425
 Certex 1162
 Cincinnati Milacron 1759
 Cipher Data Products 1341
 Codex 1153
 Computek 1626
 ComData Corporation 1721
 Computer Design 1650
 Computer Terminal Corp. 1117
 Computerworld 1987
 Congraf 1160
 Conrac 1513
 Consolidated Computer 1941
 Customized Data Systems 1525
 Data 100 1134
 Data General 1639
 Datamation 1192
 Data Printer 1564
 Data Processing Magazine 1164
 Delta Data Systems 1139
 A. B. Dick 1111
 Digi-Data 1560
 Digital Computer Controls 1737
 Digital Equipment 1432
 Eastman Kodak 1231
 Electronic Arrays 1112
 Electronic Processors 1413
 Facit-Odhner 1943
 Ford Industries 1144
 Fujitsu 1622
 General Electric 1526
 General Instrument 1731
 Gerber 1122
 Gould 1133
 Hazeltine 1455
 Houston Instrument 1747
 Illinois Tool Works 1158
 Incoterm 1975
 International Data 1983
 I/Onex 1521
 ISS 1239
 Kennedy 1660
 Kybe 1186
 McGraw-Hill 1459
 Marshall Data Systems 1949
 Memorex 1125
 Memory Technology 1331
 Micro Switch 1182
 Milgo 1249
 Modern Data 1563
 NCR 1506
 Nuclear Data 1140
 Numeridex Tape Systems 1335
 Optical Scanning 1838
 Pace Computing 1981
 Penril 1343
 Photophysics 1955
 Potter Instrument 1647
 Quadri 1409
 Quindata 1654
 RCA 1257
 Recortec 1836
 Remex 1551
 Research & Development 1174
 Science Accessories 1190
 Singer-Friden 1613
 Singer-General Precision 1719
 Singer-Link 1713
 Singer-Tele-Signal 1820
 Spartan Books 1423
 Sugarman Laboratories 1725
 Sykes Datatronics 1524
 Syner-Data 1453
 Teletype 1145
 Texas Instruments 1505
 Timeplex 1664
 Tracor 1219
 Ultronic Systems 1666
 United Telecontrol Electronics 1562
 Visicon 1979
 Vogue Instrument 1154
 Wang Computer Products 1527
 John Wiley & Sons 1549
 Wiltek 1419
 Xerox 1623

Product keys help select equipment

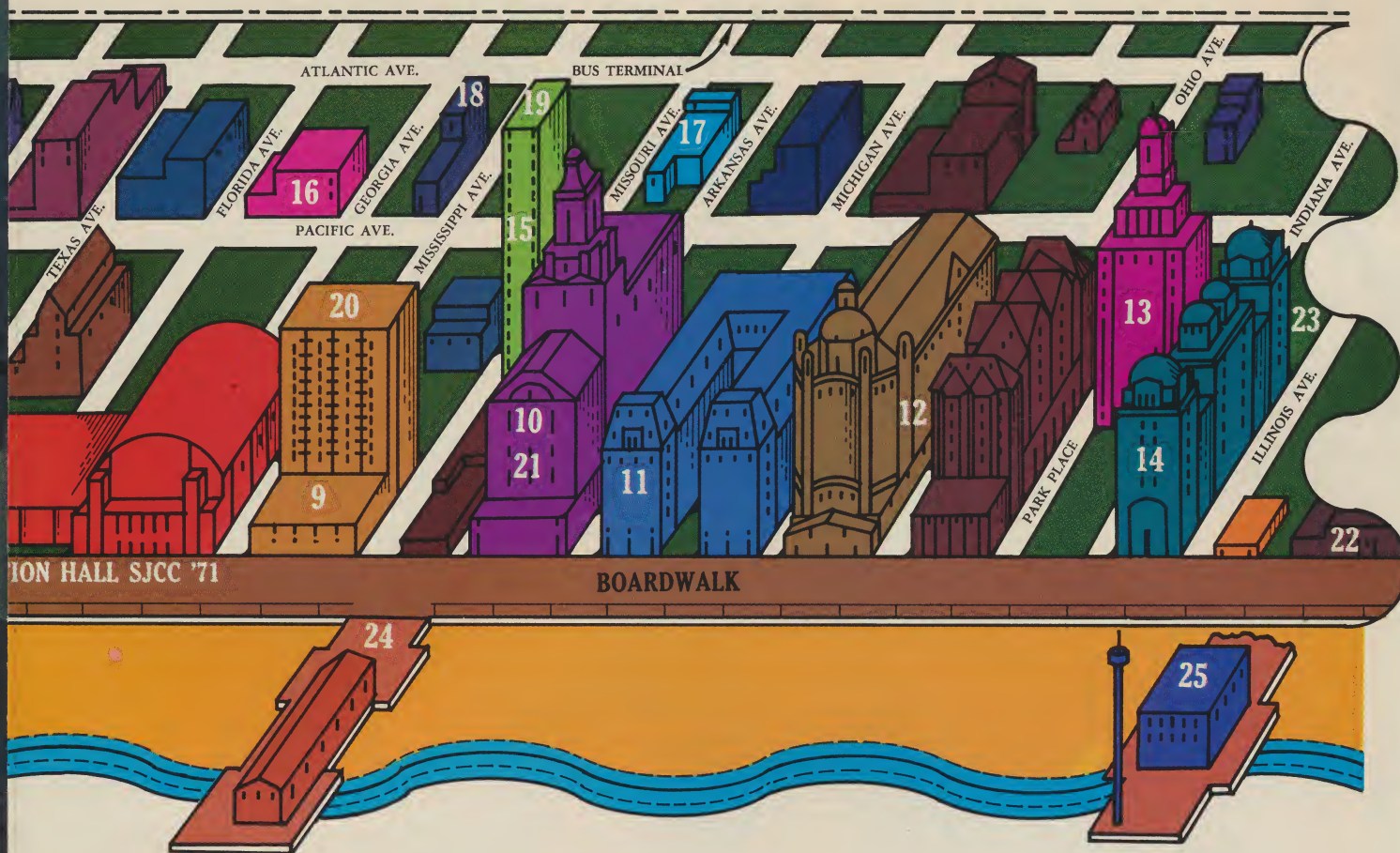
To help you track down equipment at SJCC, we've indicated the type of products each of the exhibitors will be showing

-  **Mainframes**
-  **Minicomputers**
-  **Disk drives and controllers**
-  **Magnetic-tape drives and controllers**
-  **Other peripherals**, including keypunch equipment, card and paper-tape readers/punches, memories and remote-batch terminals.
-  **Terminals**, including crt's and teleprinters.
-  **Source-data input devices**, including key-tape and key-disk equipment, ocr's, badge and magnetic-ink readers.
-  **Plotters/digitizers**
-  **Printers**
-  **COM equipment**
-  **Data transmission devices**, including multiplexers, modems and acoustic couplers.
-  **Software**
-  **Services**
-  **Accessories**, including edp supplies, off-line equipment and components.
-  **Publications**, including magazines, newspapers, books and research.



HOTELS

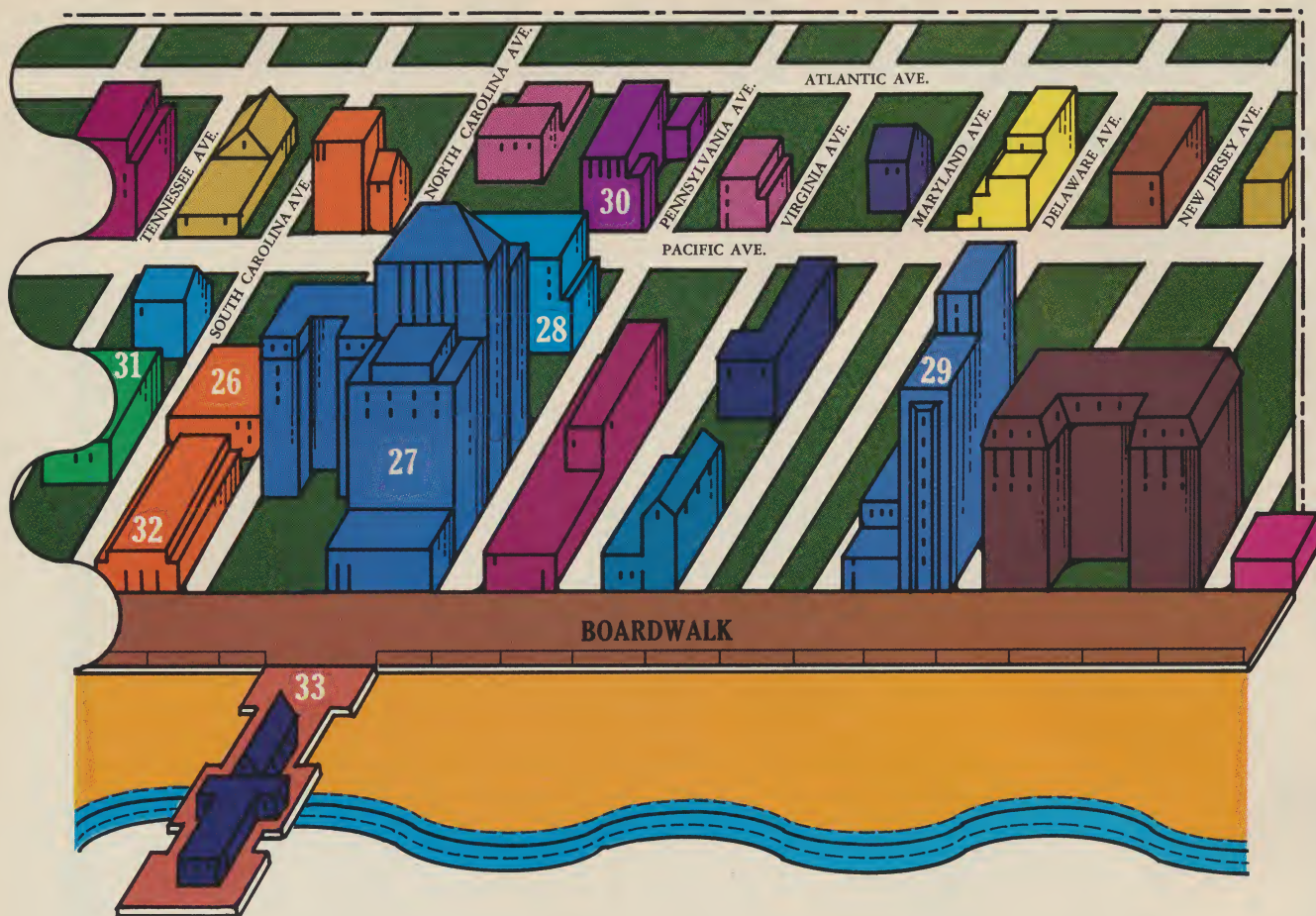
- 1 President**
Boardwalk and Albany Ave.
(609) 344-5151.
Single: \$14-24; double: \$18-36.
AE/CB/DC/MC/BA
- 2 La Concha**
Boardwalk and Chelsea Ave.
(609) 348-9101.
Single: \$14-24; double: \$14-26.
AE/CB/DC/MC/BA
- 3 Sheraton-Deauville**
Boardwalk and Brighton Ave.
(609) 344-1251.
Single: \$20-28; double: \$24-36.
AE/DC/CB/BA
- 9 Holiday Inn**
Boardwalk and Missouri Ave.
(609) 348-4011.
Single: \$24-38; double: \$34-44.
AE/DC/BA/MC
- 10 Shelburne**
Boardwalk and Michigan Ave.
(609) 344-8131.
Single: \$15-27; double: \$18-36.
AE/DC/CB/BA/MC
- 11 Dennis**
Boardwalk and Michigan Ave.
(609) 344-8111.
Single: \$15-27; double: \$18-36.
AE/DC/CB/BA/MC
- 12 Marlborough-Blenheim**
Boardwalk and Park Place
(609) 345-1211.
Single: \$14-18; double: \$18-30.
AE/MC
- 13 Claridge**
Boardwalk and Park Place
(609) 345-1271.
Single: \$12-25; double: \$15-28. AE
- 14 Traymore**
Boardwalk and Illinois Ave.
(609) 344-3021.
Single: \$16-28; double: \$18-30. MC/CB/BA
- 15 Howard Johnson's**
2100 Pacific Ave.
(609) 348-4411.
Singles, doubles: \$16-36. AE/DC/MC



RESTAURANTS

- | | |
|---|---|
| <p>4 Knife and Fork Inn
Atlantic and Pacific Aves.
No credit cards accepted
(609) 344-1133.</p> <p>5 Conrad's
3710 Atlantic Ave.
(609) 348-3123.</p> <p>6 Alfred's Villa
3413 Pacific Ave.
(609) 344-7500.</p> <p>7 Strand Restaurant and Lounge
3400 Pacific Ave. (609) 345-7200
No credit cards accepted</p> <p>8 Lido Village Inn
3006 Atlantic Ave.
(609) 344-5341.</p> <p>16 Shumsky's
Corner of Georgia and Pacific Aves.
(609) 344-0415.</p> <p>17 Fi-Luk
2204 Atlantic Ave. (609) 348-2943.
No credit cards accepted</p> <p>18 Dock's
2405 Atlantic Ave. (609) 345-0092.
No credit cards accepted</p> | <p>19 Howard Johnson's Restaurant and Lounge
2100 Pacific Ave.
(609) 348-4411.</p> <p>20 Casa del Sol (Holiday Inn)
Boardwalk and S. Missouri Ave. (609) 348-4011.</p> <p>21 Inn of the Three Tuns
Shelburne Hotel
(609) 344-8131.</p> <p>22 Nathan's
Boardwalk and Kentucky Ave. (609) 344-7222.
No credit cards accepted</p> <p>23 Coachman
Pacific and Indiana Aves. (609) 348-2044.</p> <p>24 Million Dollar Pier</p> <p>25 Central Pier</p> |
|---|---|

Credit Cards:
 AE=American Express
 DC=Diner's Club
 CB=Carte Blanche
 BA=BankAmericard
 MC=Master Charge

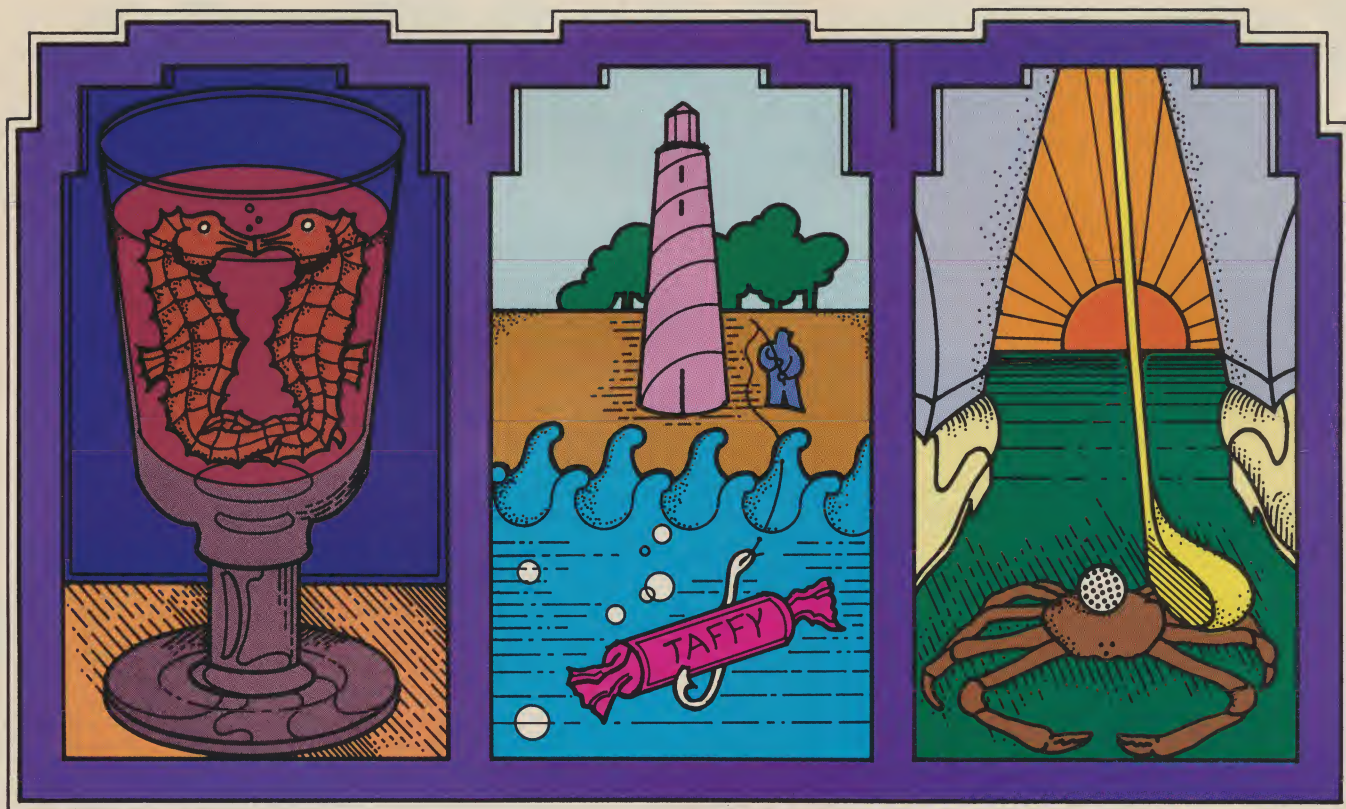


HOTELS

- 26 Barbizon**
142 S. North Carolina Ave.
(609) 348-0134.
Single: \$16; double: \$20.
No credit cards accepted
- 27 Chalfonte-Haddon Hall**
Boardwalk and North Carolina Ave.
(609) 344-0141.
Single: \$21-26; double: \$28-31.
No credit cards accepted
- 28 Colton Manor**
110 S. Pennsylvania Ave.
(609) 344-1151.
Single: \$12-25; double: \$15-26.
AE/MC
- 29 St. Charles**
Boardwalk and New Jersey Ave.
(609) 344-5241.
Single: \$10-14; double: \$12-20.
No credit cards accepted
- 30 Monterey**
Corner Pennsylvania and Pacific Aves.
(609) 345-3216.
Single: \$12-18; double: \$14-18.
AE/DC/CB/MC/BA

RESTAURANTS

- 31 Ranch House**
Boardwalk and Tennessee Ave.
(609) 345-5581.
- 32 Ramada Inn**
Boardwalk and North Carolina Ave.
(609) 344-5101.
- 33 Steel Pier**
Not shown on map
Captain Starn's
Boardwalk and Inlet. (609) 344-3905.
Alfie's
2727 Boardwalk. (609) 345-2200.
Zaberer's
Black Horse Pike, McKee City.
(609) 641-3200.
No credit cards accepted
Cathay House
3801 Ventnor Ave. (609) 345-9287.
No credit cards accepted
Orsatti's
Warwick Apartments
3800 Broadwalk. (609) 344-7671.
Guischard's
2520 Atlantic Ave. (609) 348-0121.
No credit cards accepted



Where it's at

After hours

The Apartment
Albany & Winchester Aves.
(609) 344-8881.

Algiers Cocktail Lounge
2906 Pacific Ave.
(609) 344-7428.

Pal's Cocktail Lounge
3810 Ventnor Ave.
(609) 344-0366.

Red's Morgan Night Club
29 South Missouri Ave.
(609) 344-9496.

Party and Charter Boats

Captain Starn's Inlet Pier
Boardwalk & Inlet.
(609) 345-2800.

Captain Ken Allen Fishing Center
525 North Massachusetts Ave.
(609) 345-0075.

USEFUL NUMBERS

Atlantic City Police Emergency
Tennessee Ave. & Bachrach Blvd.
(609) 348-3011 or 911
in Atlantic City itself

Atlantic City Hospital
1925 Pacific Ave.
(609) 344-4081.

Hertz Rent A Car
(609) 344-1217.

Avis Rent A Car
(609) 345-3246.

Trouble Getting A Room?
Housing Bureau
(609) 345-7536.
Ask for Mrs. Betty Price

For golfers

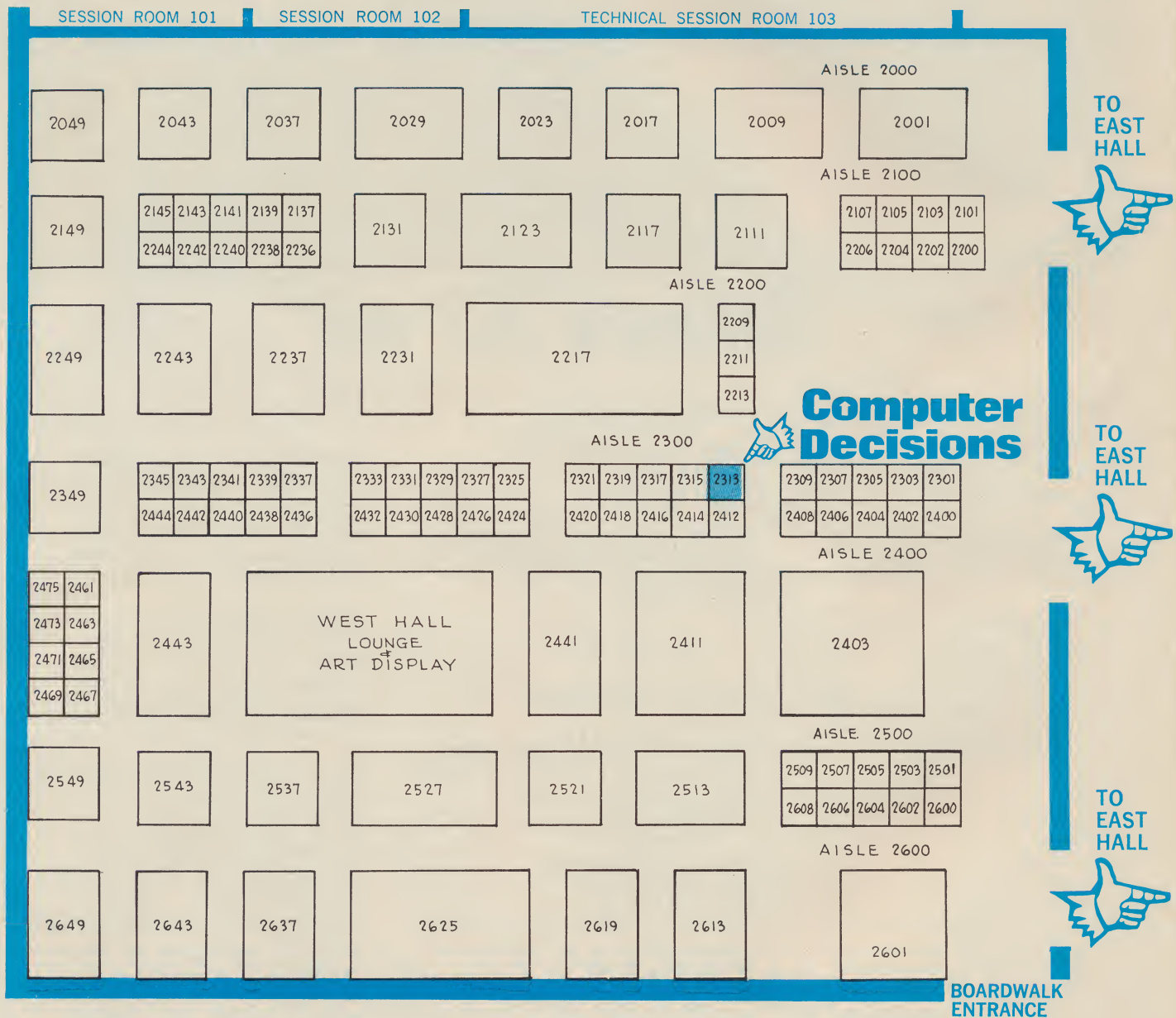
Atlantic City Country Club
Shore Rd., Northfield
(609) 641-7575.
Private, 18-hole golf course,
located approximately seven
miles from Atlantic City.

Linwood Country Club
Shore Rd., Linwood
(609) 927-6134.
Private, 18-hole golf course,
located approximately 10 miles
from Atlantic City.

Mays Landing Country Club
Cates Rd., McKee City
(609) 641-4411.
Public, 18-hole golf course,
located 1/4 mile south of Atlantic
City Race Track. Clubhouse
facilities include cocktail lounge
with sandwiches and platters
available. No advance
arrangements necessary.

Ocean City-Somers Point Golf Club
Mays Landing-Somers Point Rd.,
Somers Point (609) 927-5071.
Pull carts available.
Call Clubhouse to make
arrangements.

Convention Hall West

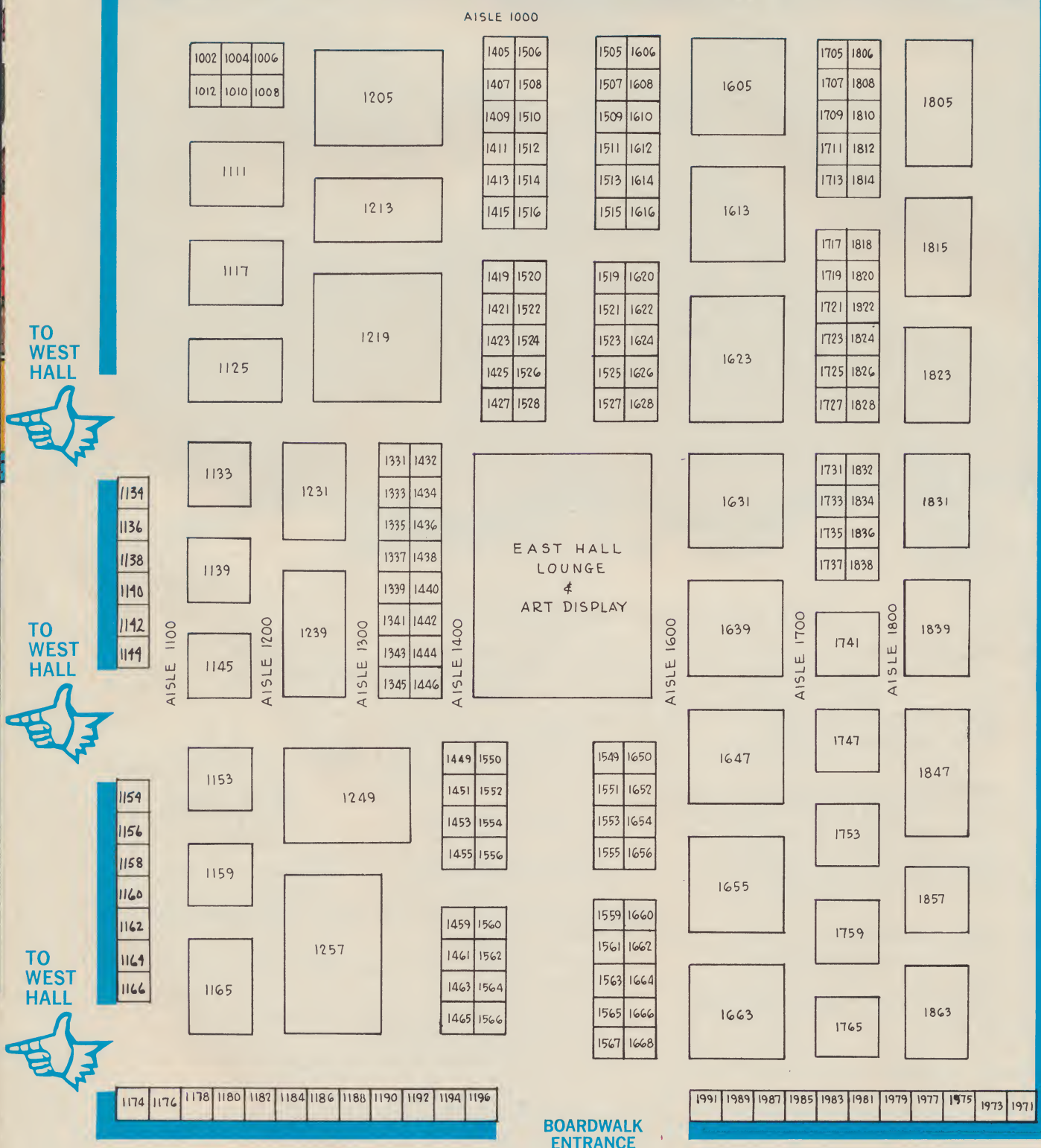


Convention Hall East

THEATER A

STAGE

THEATER B




COMPARISON-SHOP CRT TERMINALS!

It's the only way to be sure you're getting the most for your money.

CRT Terminal Shopping List

Specifications	Hazeltine 2000	Any Other
Teletype Terminal Compatible	Yes.	
Screen Capacity	1,998 characters. 74 per line. 27 lines.	
Selectable Transmission Rates	5 switchable rates, up to 9600 bps.	
Full- or Half-Duplex Operation	Yes. Switch-selectable.	
Batch Operation	Yes. Switch-selectable.	
Direct Cursor Addressability	May be program-directed to any screen position by transmitting X-Y coordinates.	
Split Screen	Yes. Computer-derived data is lower-intensity (background); operator-entered data is brighter (foreground).	
Editing Capability	Yes. Line and character insert/delete. CPU can clear entire screen or foreground data only.	
Variable Field Transmission	Foreground data only is transmitted to CPU.	
Automatic Tabulation	Yes. TAB key directs cursor to next entry point.	
Selective Scrolling	Yes. At any line when under program control; automatically at line 1, unless otherwise directed.	
Remote Keyboard Operation	Yes. Quiet, solid-state keyboard may be operated remotely.	
10-Key Cluster for Numerical Input	Yes.	
Random Access Memory	Yes. 2048 X 8 Core.	
Status Lights	Yes. 5 are provided to indicate system operational status.	
Circuit Protection	Yes. Integral overvoltage and short circuit current-limiting with automatic shutdown.	
Hard Copy Accessory	Yes. Silent 30 cps Printer — optional.	
Remote Monitors	Yes. 3 remote monitors may be connected without amplifiers. With amplifiers, the number is unlimited.	
Availability	Immediate!	



**And only
\$88 a month**

(12-month rental, plus \$20 maintenance)

**Ask for a
demonstration!**

(Then insist on Immediate Delivery!)

Hazeltine
Corporation

Greenlawn, N.Y. 11740 Phone (516) 261-7000
After April 19, 1971 Phone (516) 549-8800

DATA TO OR REQUEST DATA FROM A COMPUTER, EITHER DIRECTLY OR OVER TELEPHONE
LINED TO A CENTRAL COMPUTER. IT IS A DIRECT REPLACEMENT FOR TELETYPE
EQUIPMENT AND IS FASTER, ABSOLUTELY SILENT IN OPERATION. THE OPERATOR
HAS FULL CAPABILITY TO EDIT THE MATERIAL DISPLAYED ON A 1988 CHARACTER DIS-
PLAY. THROUGH FEATURES SUCH AS LINE AND CHARACTER INTERSECTION AND RECEPTION
AND A HIGH SPEED RANDOM ACCESS MEMORY, THE "HAZELTINE 2000" HAS BEEN WIDELY
ACCEPTED AND IS BEING USED IN AN IMPRESSIVE NUMBER OF BUSINESSES IN-
DUSTRIES: EDUCATIONAL INSTITUTIONS AND HOSPITALS. SOME OF ITS EXTENSIVE
FEATURES AND OPERATING FEATURES FOLLOW: 1988 CHARACTER DISPLAY...
A TRUE 1988 MONO UNIT... QUICK TOLERANCE ADJUSTMENT... SWITCH-SELECTABLE
FULL OR HALF PAPER OPERATING MODES... SELECTABLE TRANSMISSION RATES...
TWO-LEVEL VIDEO INTENSITY, PARTICULARLY USEFUL FOR PAPER FILLOUT... COM-
PUTER DERIVED COPY IS LOWER INTENSITY OPERATOR-ENTERED DATA IS HIGHER...
HAZELTINE CORPORATION INVITES YOU TO CONTACT YOUR
VERY OWN HAZELTINE SCREEN TEST IN YOUR OFFICE. LET ONE OF HAZELTINE'S COM-
PUTER INFORMATION DISPLAY SPECIALISTS DEMONSTRATE THIS UNIQUE AND ADVANCED
ENGINEERING TRIUMPH. LET HIM SHOW YOU HOW THE "HAZELTINE 2000" CAN IMPROVE
YOUR ORGANIZATION'S MANAGEMENT CONTROL EFFECTIVENESS. THANK YOU.

HOSPITALS THROUGHOUT THE NATION ARE LEARNING TO USE THE "HAZELTINE 2000"
YOU ARE INVITED.

HAZELTINE CORPORATION IS ONE OF THE LEADING MANUFACTURERS OF COMPLEX-
LATED ELECTRONIC EQUIPMENT.

**Hazeltine
2000**



We're not promising...
We're Delivering!

Delivering Performance—the best Video Display Terminal on the market. Delivering Price—only \$88 per month (12-month rental) plus \$20 maintenance. Delivering now! Ask for a demonstration. Then insist on Immediate Delivery! You won't be disappointed.

**Hazeltine
2000**

Hazeltine Corporation

Greenlawn, N.Y. 11740 Phone (516) 261-7000

Hazeltine Printer Unit



Description

The Hazeltine Printer Unit provides users of the Hazeltine 2000 Video Display Terminal with a choice of silent hard-copy printing options.

Coupled with the Hazeltine 2000, the Printer Unit may be operated in two distinct modes—Conversational or Page (regardless of whether the terminal is on-line to a computer or communication system).

The mode of operation may be switch-selected by the operator or selected by the CPU under program control.

Conversational Mode

All data exchanged between the terminal and computer is printed.

The Printer Unit automatically assumes the baud rate of the terminal-computer system at either 10, 15 or 30 characters per second.

Page Mode

In this mode, the Printer Unit ignores the data exchange of the terminal-computer system until directed to print on command from either the operator or the CPU. Using the powerful buffering capabilities of the Hazeltine 2000 to their fullest extent, printing occurs directly from the terminal's 2000-character core memory. This permits the flexibility to fill the screen with a page of information, edit the information at the terminal, and then cause the

page to be printed at 30 cps, regardless of the baud rate set for the terminal-computer network. Thus, the Hazeltine Printer Unit allows the software or the operator to produce hard-copy only when meaningful data is on the screen, eliminating wasted output while optimizing operator efficiency.

Solid-state construction with a minimum of moving parts insures performance that is quiet, efficient and reliable.

Specifications

Input/Output Data Rate	Up to 30 characters per second
Interface	Operates in conjunction with the Hazeltine 2000 Video Display Terminal
Controls	On-Line Line Feed Carriage Return Power On/Off
Paper Size	8½-inches wide, 300 foot roll
Paper Type	Thermal
Unit Size	15½" Wide x 16" Deep x 6" High
Weight	30 lbs.
Power	Self-Contained Supply, Single Phase, 240 VAC ±10%, 50 Hz 120 VAC ±10%, 60 Hz

**Printer Unit 12-Month
Rental: \$78 per month
(Maintenance Included)**

Hazeltine
Corporation

Greenlawn, N.Y. 11740 Phone (212) 423-4800
After April 19, 1971 Phone (516) 549-8800



Hazeltine 2000+ Terminal/Tape Cassette System



Description

The Hazeltine 2000+ Terminal/Tape Cassette System is a powerful blend of high-speed, fully-buffered CRT Terminal and high-speed magnetic tape storage device. The system utilizes all the editing capabilities of the Hazeltine Terminal and expands them to even greater user benefits through the interaction of a "dual" magnetic Tape Cassette Unit. The Tape Unit is equipped with a variety of features under both operator and CPU control. The result is an exceptional capability for on/off line data storage and retrieval.

The system operates on RS-232B connections using Data-Phone* 103A/202C or equivalents, or may be hardwired to modem adapters of communications controllers and mini-computers.

The system operates in two basic modes:

- Paper Tape Emulation Mode
- Page Mode

Paper Tape Emulation Mode

Using the system as a paper tape reader/punch, data is recorded character-by-character as it is generated by either keyboard entry or from the CPU at speeds up to 1,200 baud with no timing considerations (padding characters not necessary after each line of data).

*Registered Service Mark of AT&T Co.

Data recorded on tape may be subsequently played back at the baud rate selected on the CRT Terminal and transmitted to the computer.

Page Mode

In this mode, the system can be used to record pages (screens) of data entered by the operator on the display. Utilizing the full editing capabilities afforded by the core memory buffer of the Terminal, the data may be completely edited by the operator before recording on tape. In this mode, the screen becomes a scratch-pad and therefore only pure data is recorded. Each page may be from 1 to 1997 characters and may be retrieved by the operator for review or transmission to the computer. In the Page mode the data transfer between Terminal and Tape Unit is fixed at 2400 baud.

Additionally, either cassette may be selected for recording or playback by the CPU under program control. The CPU can record data displayed on the screen, or retrieve data on tape by calling for a transmission from either cassette through the CRT Terminal.

Typical Application—Form Fillout

Operating off-line, form fillout is an excellent application for the Hazeltine 2000+ Terminal/Tape Cassette System. The form can be stored on one tape as "protected" data

Hazeltine 2000+ Terminal/Tape Cassette System

and displayed on the Terminal screen. Entries to the form are edited and stored on the second tape, ready for transmission to the computer at a later time.

Tape Update

Updating a tape is simple. The operator merely reads a record from one tape, edits it, and then writes it on the second tape. If a duplicate tape is desired, simply depress the "Duplicate" key.

Optional "Hard Copy" Unit

For those applications requiring hard copy printouts, the Hazeltine Printer Unit is the ideal peripheral.

Specifically designed to take full advantage of the editing features of the Terminal/Tape Cassette System, the 30 cps Printer Unit also operates in either continuous or Page mode, thereby rounding out the system with complete compatibility of operation on any application.

CPU to Tape Cassette Commands

The CPU may command the following functions of the Tape Cassette Unit:

FUNCTION	COMMAND
• Playback Tape 1	@
• Playback Tape 2	P
• Record Tape 1	Zero
• Record Tape 2	p
• Rewind Tape 1	←
• Rewind Tape 2	0
• Write End of File	SPACE
• X on:	

All of the above functions may also be performed by the operator at the Tape Cassette console, as well as the "Duplicate" function.

Specifications

Input/Output Data Rate	Fixed at 2400 baud between Terminal and Tape Cassette—Transmits to the line at any baud rate selected by the Terminal	
Tape Cassette	Phillips type	
Storage Density	400 b.p.i.	
Controls	Playback 1 Record 1 Rewind 1 Duplicate On-Line Block/Continuous	Playback 2 Record 2 Rewind 2 Reset Page/Character
Size	15½" Wide x 16" Deep x 6" High	
Weight	25 lbs.	
Power	90-136 VAC, 50-60 Hz. 180-272 VAC, 50-60 Hz.	



Hazeltine

Corporation

Greenlawn, N.Y. 11740 Phone (516) 549-8800

ATLANTA 404-233-6017 ☐ BOSTON 617-588-8700 ☐ CHICAGO 312-986-1414 ☐ CLEVELAND 216-752-1030
DALLAS 214-352-2112 ☐ DENVER 303-388-8844 ☐ DETROIT 313-355-3510 ☐ LOS ANGELES 213-479-6800
MINNEAPOLIS 612-861-3302 ☐ SAN FRANCISCO 415-383-6200 ☐ WASHINGTON, D.C. 202-393-4966